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N.L.H.
7-19-02

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q64245

Kazumi FUJII

Appln. No.: 09/842,634

Group Art Unit: 1732

Confirmation No.: 8848

Examiner: William H. MAYO III

Filed: April 27, 2001

For: DISC CABLE AND METHOD FOR PRODUCING THE SAME

AMENDMENT UNDER 37 C.F.R. § 1.111[INS1]

Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated April 19, 2002, please amend the above-identified application as follows:

IN THE CLAIMS:

Claims 1-8 are cancelled without prejudice or disclaimer.

The claims are amended as follows:

9. (Amended) A producing method for a disc cable which travels within piping connected endlessly, the cable having discs disposed thereon in a predetermined spacing relation, the method comprising:

a step of forming a cover layer formed of synthetic resin on the surface of a metal wire, and forming a groove-like part through which the surface of the metal wire is exposed, said groove-like part not forming a part of the cover layer and being distributed in a predetermined spacing relation in a longitudinal direction of a cable, and

a step of molding a disc formed of synthetic resin, and causing synthetic resin to flow into the groove-like part to form a protrusion on the disc to fixedly mount it on the cable.

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